

Title (en)
CHIP SET-UP AND HIGH-ACCURACY NUCLEIC ACID SEQUENCING

Title (de)
CHIP-SETUP UND HOCHGENAUE NUKLEINSÄURESEQUENZIERUNG

Title (fr)
CONFIGURATION DE PUCE ET SÉQUENÇAGE D'ACIDE NUCLÉIQUE À HAUTE PRÉCISION

Publication
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Application
EP 13804403 A 20130614

Priority

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- US 201261660543 P 20120615
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- US 2013046012 W 20130614

Abstract (en)
[origin: WO2013188841A1] The present disclosure provides devices, systems and methods for sequencing nucleic acid molecules. Nucleic acid molecules can be sequenced with a high accuracy (e.g., greater than 97% in a single pass) using a chip comprising an array of independently addressable nanopore sensors at a density of at least about 500 sites per 1 mm. An individual nanopore sensor can include a nanopore in a membrane that is adjacent or in proximity to a sensing electrode.

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C12Q 1/6869 (2013.01 - CN EP GB US); **G01N 27/44791** (2013.01 - US); **G01N 33/48** (2013.01 - GB); **G01N 33/48721** (2013.01 - CN EP GB US); **G01N 33/53** (2013.01 - GB)

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